



hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: October 16, 2007

Signature:

(Sharon M. Sinitich)

Docket No.: 30847/2048-004  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Anna Helgadottir

Application No.: 10/829,674

Filed: April 22, 2004

For: SUSCEPTIBILITY GENE FOR  
MYOCARDIAL INFARCTION AND STROKE

Confirmation No.: 6838

Art Unit: 1634

Examiner: J.A. Goldberg

**AMENDMENT ACCOMPANYING REQUEST FOR CONTINUED EXAMINATION**  
**(RCE) IN RESPONSE TO FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This amendment, filed with a Request for Continued Examination (RCE), petition for extension of time, and fees, is filed in response to the final Office Action mailed April 16, 2007, by the U.S. PTO. Pending claims 1-4 and 33-60 were variously rejected under 35 U.S.C. § 112, first and second paragraphs. This response is timely filed with a petition and fee for a three-month extension of time.

**Amendments to the Claims** begin at page 2 of this paper.

**Remarks** begin at page 4 of this paper.

This response is accompanied by a Declaration under 37 C.F.R. § 1.132 of Andrei Manolescu, a statistician scientist employed by the assignee deCODE genetics (see Appendix A).